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1. Document ID: US 20090015256 A1

L92: Entry 1 of 22

File: PGPB

Jan 15, 2009

PGPUB-DOCUMENT-NUMBER: 20090015256

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20090015256 A1

TITLE: Optimized MRI strip array detectors and apparatus, systems and

methods related thereto

PUBLICATION-DATE: January 15, 2009

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Bottomley; Paul A. Columbia MD US Kumar; Ananda Baltimore MD US

APPL-NO: 11/807108 [PALM] [eDan] [US Family]

DATE FILED: May 24, 2007

US-CL-CURRENT: <u>324/309</u>



☐ 2. Document ID: US 20080278166 A1

L92: Entry 2 of 22 File: PGPB Nov 13, 2008

PGPUB-DOCUMENT-NUMBER: 20080278166

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080278166 A1

TITLE: Superconducting Loop, Saddle and Birdcage Mri Coils

PUBLICATION-DATE: November 13, 2008

INVENTOR-INFORMATION:

Xie; Lei Ming P

NAME	CITY	STATE	COUNTRY
Wosik; Jaroslaw	Houston	TX	US
Nesteruk; Krzysztof	Warsaw	TX	PL

Houston

APPL-NO: 10/583625 [PALM] [eDan] [US Family]

DATE FILED: May 20, 2005

US-CL-CURRENT: 324/318



☐ 3. Document ID: US 20080180101 A1

L92: Entry 3 of 22

File: PGPB

Jul 31, 2008

US

PGPUB-DOCUMENT-NUMBER: 20080180101

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080180101 A1

TITLE: MULTI-CHANNEL MAGNETIC RESONANCE COIL

PUBLICATION-DATE: July 31, 2008

NAME	CITY	STATE	COUNTRY
Bradshaw; Kenneth M.	Chaska	MN	US
Jones; Michael S.	Saint Paul	MN	US
Holwell; Joshua J.	Plymouth	MN	US
Schillak; Scott M.	Minneapolis	MN	US
Waks; Matthew T.	Coon Rapids	MN	US
Watson; Mark A.	Savage	MN	US
Tramm; Brandon J.	Minnetonka	MN	US
Petropoulos; Labros L.	Auburn	ОН	US

APPL-NO: 11/943229 [PALM] [eDan] [US Family]

DATE FILED: November 20, 2007

US-CL-CURRENT: 324/318



☐ 4. Document ID: US 20080174314 A1

L92: Entry 4 of 22

File: PGPB

Jul 24, 2008

PGPUB-DOCUMENT-NUMBER: 20080174314

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080174314 A1

TITLE: MULTI-CHANNEL COIL FOR MAGNETIC RESONANCE IMAGING

PUBLICATION-DATE: July 24, 2008

NAME	CITY	STATE	COUNTRY
Holwell; Joshua J.	Plymouth	MN	US
Schillak; Scott M.	Minneapolis	MN	US
Bradshaw; Kenneth M.	Chaska	MN	US
Tramm; Brandon J.	Eden Prairie	MN	US

Petropoulos; Labros L. Auburn

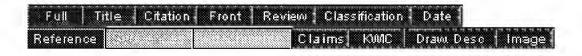
ОН

US

APPL-NO: 11/943238 [PALM] [eDan] [US Family]

DATE FILED: November 20, 2007

US-CL-CURRENT: <u>324/318</u>



☐ 5. Document ID: US 20080129298 A1

L92: Entry 5 of 22

File: PGPB

Jun 5, 2008

PGPUB-DOCUMENT-NUMBER: 20080129298

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080129298 A1

TITLE: High field magnetic resonance

PUBLICATION-DATE: June 5, 2008

NAME	CITY	STATE	COUNTRY
Vaughan; J. Thomas	Stillwater	MN	US
Moortele; Pierre-Francois Van de	Minneapolis	MN	US
DelaBarre; Lance	St. Anthony	MN	US
Olson; Christopher C.	St. Paul	MN	US
Orser; Heather	St. Paul	MN	US
Gopinath; Anand	St. Paul	MN	US
Ugurbil; Kamil	Minneapolis	MN	US
Snyder; Carl	Minneapolis	MN	US
Adriany; Gregor	Minneapolis	MN	US
Akgun; Can E.	Woodbury	MN	US
Tian; Jinfeng	Minneapolis	MN	US
Strupp; John	Coon Rapids	MN	US
Andersen; Peter M.	Maple Plain	MN	US

Wu; Xiaoping St. Paul MN US

APPL-NO: 11/707560 [PALM] [eDan] [US Family]

DATE FILED: February 17, 2007

US-CL-CURRENT: <u>324/322</u>



☐ 6. Document ID: US 20080111550 A1

L92: Entry 6 of 22 File: PGPB May 15, 2008

PGPUB-DOCUMENT-NUMBER: 20080111550

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080111550 A1

TITLE: RF resonator system and method for tuning an RF resonator system

PUBLICATION-DATE: May 15, 2008

INVENTOR-INFORMATION:

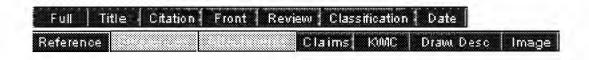
NAME CITY STATE COUNTRY

Freytaq; Nicolas Binz CH

APPL-NO: 11/979755 [PALM] [eDan] [US Family]

DATE FILED: November 8, 2007

US-CL-CURRENT: 324/322; 427/79, 505/162



☐ 7. Document ID: US 20060158188 A1

L92: Entry 7 of 22

File: PGPB

Jul 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060158188

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060158188 A1

TITLE: NMR RF coils with improved low-frequency efficiency

PUBLICATION-DATE: July 20, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Hudson; Alexander MJ San Francisco CA US Mehr; Knut G. San Francisco CA US

APPL-NO: 11/037627 [PALM] [eDan] [US Family]

DATE FILED: January 18, 2005

US-CL-CURRENT: <u>324/318</u>; <u>324/303</u>, <u>324/322</u>

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

□ 8. Document ID: US 20050230614 A1

L92: Entry 8 of 22 File: PGPB Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050230614

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050230614 A1

TITLE: Mass spectrometry system for continuous control of environment

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Glukhoy, Yuri Irwin PA US

APPL-NO: 10/826610 [PALM] [eDan] [US Family]

DATE FILED: April 19, 2004

US-CL-CURRENT: <u>250/287</u>



☐ 9. Document ID: US 20050189484 A1

L92: Entry 9 of 22

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050189484

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050189484 A1

TITLE: Aerosol mass spectrometer for operation in a high-duty mode and

method of mass-spectrometry

PUBLICATION-DATE: September 1, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Glukhoy, Yuri Irwin PA US

APPL-NO: 10/789555 [PALM] [eDan] [US Family]

DATE FILED: February 28, 2004

US-CL-CURRENT: <u>250</u>/<u>287</u>



☐ 10. Document ID: US 20040032262 A1

L92: Entry 10 of 22

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032262 A1

TITLE: Planar NMR coils with localized field-generating and capacitive

elements

PUBLICATION-DATE: February 19, 2004

TNVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Withers, Richard S. Sunnyvale CA US

Nast, Robert E. Saratoga CA US

APPL-NO: 10/424687 [PALM] [eDan] [US Family]

DATE FILED: April 28, 2003

US-CL-CURRENT: 324/318



☐ 11. Document ID: US 20040021467 A1

L92: Entry 11 of 22 File: PGPB Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040021467

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040021467 A1

TITLE: Magnetic resonance tomography apparatus with vacuum cast or

vacuum die cast body coil

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Eberler, Ludwig Postbauer-Heng DE

Eberler, Michael Postbauer-Heng

Kolbeck, Thomas Kalchreuth DE

APPL-NO: 10/428228 [PALM] [eDan] [US Family]

DATE FILED: May 2, 2003

US-CL-CURRENT: <u>324/318</u>; <u>324/322</u>



☐ 12. Document ID: US 7564244 B2

L92: Entry 12 of 22 File: USPT Jul 21, 2009

DE

US-PAT-NO: 7564244

DOCUMENT-IDENTIFIER: US 7564244 B2

TITLE: RF resonator system and method for tuning an RF resonator system

DATE-ISSUED: July 21, 2009

PRIOR-PUBLICATION:

DOC-ID DATE

US 20080111550 A1 May 15, 2008

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Freytag; Nicolas Binz CH

APPL-NO: 11/979755 [PALM] [eDan] [US Family]

DATE FILED: November 8, 2007

US-CL-CURRENT: <u>324/318</u>; <u>324/309</u>



☐ 13. Document ID: US 7148472 B2

L92: Entry 13 of 22

File: USPT

Dec 12, 2006

US-PAT-NO: 7148472

DOCUMENT-IDENTIFIER: US 7148472 B2

TITLE: Aerosol mass spectrometer for operation in a high-duty mode and

method of mass-spectrometry

DATE-ISSUED: December 12, 2006

PRIOR-PUBLICATION:

DOC-ID DATE

US 20050189484 A1 September 1, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Glukhoy; Yuri Irwin PA US

APPL-NO: 10/789555 [PALM] [eDan] [US Family]

DATE FILED: February 28, 2004

US-CL-CURRENT: <u>250/287</u>; <u>250/282</u>, <u>250/288</u>



☐ 14. Document ID: US 7132829 B2

L92: Entry 14 of 22

File: USPT

Nov 7, 2006

US-PAT-NO: 7132829

DOCUMENT-IDENTIFIER: US 7132829 B2

TITLE: NMR RF coils with improved low-frequency efficiency

DATE-ISSUED: November 7, 2006

PRIOR-PUBLICATION:

DOC-ID DATE

US 20060158188 A1 July 20, 2006

INVENTOR-INFORMATION:

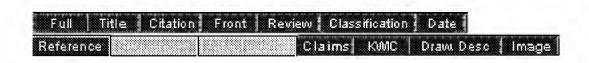
NAME CITY STATE ZIP CODE COUNTRY

Hudson; Alexander M J San Francisco CA US Mehr; Knut G. San Francisco CA US

APPL-NO: 11/037627 [PALM] [eDan] [US Family]

DATE FILED: January 18, 2005

US-CL-CURRENT: <u>324/318</u>; <u>324/307</u>, <u>324/322</u>



☐ 15. Document ID: US 7071466 B2

L92: Entry 15 of 22

File: USPT Jul 4, 2006

US-PAT-NO: 7071466

DOCUMENT-IDENTIFIER: US 7071466 B2

TITLE: Mass spectrometry system for continuous control of environment

DATE-ISSUED: July 4, 2006

PRIOR-PUBLICATION:

WEST

DOC-ID DATE

US 20050230614 A1 October 20, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Glukhoy; Yuri Irwin PA US

APPL-NO: 10/826610 [PALM] [eDan] [US Family]

DATE FILED: April 19, 2004

US-CL-CURRENT: 250/287; 250/294, 250/305, 250/396R



☐ 16. Document ID: US 7064549 B1

L92: Entry 16 of 22 File: USPT Jun 20, 2006

US-PAT-NO: 7064549

DOCUMENT-IDENTIFIER: US 7064549 B1

TITLE: NMR RF coils with split movable capacitance bands

DATE-ISSUED: June 20, 2006

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hudson; Alexander M J San Francisco CA US

APPL-NO: 11/037605 [PALM] [eDan] [US Family]

DATE FILED: January 18, 2005

US-CL-CURRENT: <u>324/318</u>; <u>324/321</u>



☐ 17. Document ID: US 6842004 B2

L92: Entry 17 of 22

File: USPT

Jan 11, 2005

US-PAT-NO: 6842004

DOCUMENT-IDENTIFIER: US 6842004 B2

TITLE: Planar NMR coils with localized field-generating and capacitive

elements

DATE-ISSUED: January 11, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Withers; Richard S. Sunnyvale CA Nast; Robert E. Saratoga CA

APPL-NO: 10/424687 [PALM] [eDan] [US Family]

DATE FILED: April 28, 2003

US-CL-CURRENT: <u>324/318</u>; <u>324/322</u>



☐ 18. Document ID: US 6825665 B2

L92: Entry 18 of 22

File: USPT

Nov 30, 2004

US-PAT-NO: 6825665

DOCUMENT-IDENTIFIER: US 6825665 B2

TITLE: Magnetic resonance tomography apparatus with vacuum cast or

vacuum die cast body coil

DATE-ISSUED: November 30, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Eberler; Ludwig Postbauer-Heng DE
Eberler; Michael Postbauer-Heng DE
Kolbeck; Thomas Kalchreuth DE

APPL-NO: 10/428228 [PALM] [eDan] [US Family]

DATE FILED: May 2, 2003

US-CL-CURRENT: 324/318; 324/322



19. Document ID: US 6029082 A

L92: Entry 19 of 22 File: USPT Feb 22, 2000

US-PAT-NO: 6029082

DOCUMENT-IDENTIFIER: US 6029082 A

TITLE: Less-claustrophobic, quadrature, radio-frequency head coil for

nuclear magnetic resonance

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Srinivasan; Ravi Richmond Heights OH
Liu; Haiying Minneapolis MN
Elek; Robert A. Chardon OH

APPL-NO: 08/976857 [PALM] [eDan] [US Family]

DATE FILED: November 24, 1997

US-CL-CURRENT: 600/422; 324/318, 324/322



☐ 20. Document ID: US 5664568 A

L92: Entry 20 of 22

File: USPT

Sep 9, 1997

US-PAT-NO: 5664568

DOCUMENT-IDENTIFIER: US 5664568 A

TITLE: Split-top, neck and head vascular array for magnetic resonance

imaging

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Srinivasan; Ravi Richmond <u>Hts.</u> OH Henderson; Robert G. Wickliffe OH Elek; Robert A. Chardon OH

APPL-NO: 08/512722 [PALM] [eDan] [US Family]

DATE FILED: August 8, 1995

US-CL-CURRENT: 600/422; 324/318, 324/322

Full	Title	Citation	Front	Revi	ew Classit	ication	Date	
Referen	ce				Claims	KWAC	Draw Desc	Image

☐ 21. Document ID: US 5592087 A

L92: Entry 21 of 22

File: USPT

Jan 7, 1997

US-PAT-NO: 5592087

DOCUMENT-IDENTIFIER: US 5592087 A

TITLE: Low eddy current radio frequency shield for <u>magnetic resonance</u> imaging

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Richard; Mark A. Cleveland Heights OH
Zou; Xueming Chesterland OH
Morich; Michael A. Mentor OH

APPL-NO: 08/379979 [PALM] [eDan] [US Family]

DATE FILED: January 27, 1995

US-CL-CURRENT: 324/318; 324/319, 324/322



☐ 22. Document ID: US 4737715 A

L92: Entry 22 of 22 File: USPT Apr 12, 1988

US-PAT-NO: 4737715

DOCUMENT-IDENTIFIER: US 4737715 A

TITLE: Coil system for nuclear magnetic resonance spectrometer probe

DATE-ISSUED: April 12, 1988

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ikeda; Hiroshi	Tokyo			JP
Shimizu; Shozo	Tokyo			JP
Kida; Jun	Tokyo			JP

APPL-NO: 06/828196 [PALM] [eDan] [US Family]

DATE FILED: February 10, 1986

US-CL-CURRENT: <u>324/318</u>



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CAPACITAACE	10
CAPACITAAI	1
CAPACITABCE	1
CAPACITABEE	1
CAPACITABLE	1
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